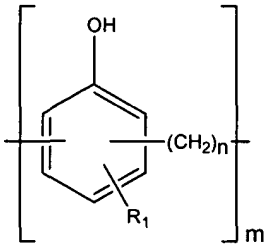
AMENDMENTS TO THE CLAIMS

1. (Original) A jet fuel composition comprising

(i) a jet fuel; and

(ii) a compound of Formula I



Formula I

wherein m is at least 1;

wherein n is 0 or 1;

wherein when m is 1, n is 0;

wherein the or each R_1 is a hydrocarbyl group with the proviso that the or each R_1 is free of carboxylic acid and carboxylic ester groups; and

wherein when m is 1, R_1 is a polymeric group comprising at least 12 carbon atoms.

2. (Original) A jet fuel composition according to claim 1 further comprising (iii) an antioxidant.

3. (Presently Amended) A jet fuel composition according to claim 1 ~~or claim 2~~ further comprising (iv) a metal deactivator.

4. (Presently Amended) A jet fuel composition according to ~~any one of claims 1, 2 or 3~~ wherein m is 1.

5. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a hydrocarbon group.

6. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a linear or branched alkyl group.

7. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a C_1-C_{200} group.

8. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a C_{10}-C_{200} group.

9. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a C_{40}-C_{180} group.

10. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a branched alkyl group.

11. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is a polyalkenyl group.

12. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 is polyisobutene (PIB).

13. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 has a molecular weight of from 200 to 2500.

14. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 has a molecular weight of 500 to 2500.

15. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 has a molecular weight of approximately 750.

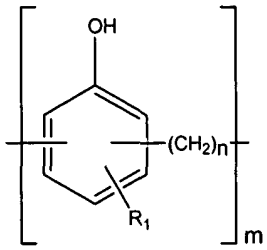
16. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 has a molecular weight of approximately 1000.

17. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 wherein R_1 has a molecular weight of approximately 2300.

18. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim1 comprising

(i) a jet fuel

(ii) a compound of Formula I



Formula I

wherein m is 1 and n is 0;

wherein R_1 is a polyisobutene with a molecular weight of from 200 to 2500;

(iii) an antioxidant; and

(iv) a metal deactivator.

19. (Presently Amended) A jet fuel composition according to ~~any one of claims 1, 2, or 3~~ claim1 wherein m is greater than 1.

20. (Original) A jet fuel composition according to claim 19 wherein R_1 is a hydrocarbon group.

21. (Presently Amended) A jet fuel composition according to claim 19 ~~or 20~~ wherein R_1 is a linear or branched alkyl group.

22. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 21~~ claim 19 wherein R_1 is a C_1-C_{50} group.

23. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 22~~ claim 19 wherein R_1 is a C_1-C_{25} group.

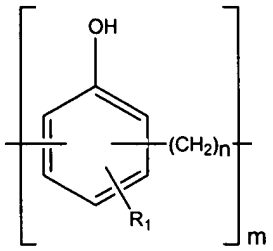
24. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 23~~ claim 19 wherein R_1 is a C_5-C_{15} group.

25. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 24~~ claim 19 wherein m is at least 4.

26. (Presently Amended) A jet fuel composition according to ~~any one of claims 19 to 25~~ claim 19 comprising

(i) a jet fuel

(ii) a compound of Formula I



Formula I

wherein m is greater than 1 and n is 1;

wherein each R_1 is a C_1-C_{50} hydrocarbyl group free of carboxylic acid and carboxylic ester groups.

(iii) an antioxidant; and

(iv) a metal deactivator.

27. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 18 wherein R_1 is para substituted relative to the OH group.

28. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 18 wherein the $(CH_2)_n$ group is ortho substituted relative to the OH group.

29. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 28~~ claim 2 wherein the antioxidant is a hindered phenol antioxidant.

30. (Original) A jet fuel composition according to claim 29 wherein the antioxidant is 2,6-di-t-butyl-4-methyl phenol (BHT).

31. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 28~~ claim 2 wherein the antioxidant is a phosphonate.

32. (Original) A jet fuel composition according to claim 31 wherein the antioxidant is dilauryl phosphonate.

33. (Presently Amended) A jet fuel composition according to ~~any one of claims 3 to 32~~ claim 3 wherein the metal deactivator is N,N'-disalicylidene 1,2-propanediamine.

34. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is present in an amount of 50-200mg/L.

35. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is present in an amount of 80-120mg/L.

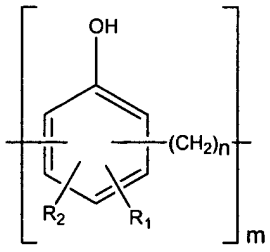
36. (Presently Amended) A jet fuel composition according to ~~any one of claims 2 to 35~~ claim 2 wherein the antioxidant is present in an amount of 1-50mg/L.

37. (Original) A jet fuel composition according to claim 36 wherein the antioxidant is present in an amount of 1-30mg/L.

38. (Presently Amended) A jet fuel composition according to a~~ny one of claims 3 to 37~~ claim 3 wherein the metal deactivator is present in an amount of 0.05 – 10mg/L.

39. (Original) A jet fuel composition according to claim 38 wherein the metal deactivator is present in an amount of 0.5 – 5mg/L.

40. (Presently Amended) A jet fuel composition according to ~~any one of the preceding claims~~ claim 1 wherein the compound of Formula I is a compound of Formula II



Formula II

wherein the or each R_2 is an optional hydrocarbyl group with the proviso that the or each R_2 is free of carboxylic acid and carboxylic ester groups; and wherein m, n and R_1 are as defined in any one of the preceding claims.

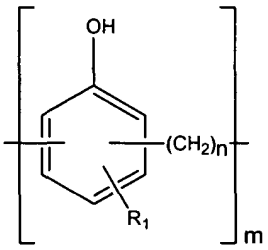
41. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of oxidation of a jet fuel composition as defined in any one of the preceding claims.

42. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of deposit formation in a jet fuel composition as defined in any one of the preceding claims.

43. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the inhibition of particulate formation from the oxidation product(s) of a jet fuel composition as defined in any one of the preceding claims.

44. (Presently Amended) Use of a compound of Formula I as defined in ~~any one of the preceding claims~~ claim 1 for the solubilisation of deposits and/or deposit precursors in a jet fuel composition as defined in any one of the preceding claims.

45. (Original) A method for inhibiting deposit formation in a jet fuel at a temperature of from 100 to 335°C, the method comprising combining with the jet fuel a compound of Formula I



Formula I

wherein m is at least 1;
wherein n is 0 or 1;
wherein when m is 1, n is 0;
wherein the or each R_1 is a hydrocarbyl group with the proviso that the or each R_1 is free of carboxylic acid and carboxylic ester groups; and
wherein when m is 1, R_1 is a polymeric group comprising at least 12 carbon atoms.

46. (Canceled)

47. (Canceled)

48. (Canceled)

49. (Canceled)